

## Message Text

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ACTION SY-05

INFO OCT-01 EA-07 ISO-00 FBO-02 A-01 OC-05 CCO-00 BIB-01

SYE-00 /022 W  
----- 028944

P R 090811Z FEB 76

FM AMCONSUL HONG KONG  
TO SECSTATE WASHDC PRIORITY 9040  
INFO AMEMBASSY MANILA

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MANILA FOR RSO PASS HACKL AND SECSTATE FOR SY/T

E.O. 11652: N/A

TAGS: ASEC

SUBJ: COUNTER-TERRORISM PROJECT MANILA

REF: A. MANILA 1759 (NOTAL, B. MANILA 1885, C. TELECON FEB 6  
BAGNAL/HACKL

1. MANILA, REFTEL (A): ITEMS 5A, B, AND C POUCHED FEB 5 UNDER  
REGISTRY 2409757.

2. MANIAL, REF TEL (A): POUCH BOTH DEFECTIVE OMNI-SPECTRA SYSTEMS  
BACK TO SY/T FOR REPAIR AND RETURN TO RTC.

3. MANILA, REFTEL (A): THE ONLY CONSTANT VOLTAGE TRANSFORMER  
RTC CAN FURNISH AT THIS TIME IS A 115 VAC UNIT RATED AT 300 VA.  
THIS IS CONSIDERED TO BE INADEQUATE FOR CONTROL CENTER NEEDS. RTC  
UNAWARE OF PRECISE POWER REQUIREMENTS BUT ASSUMES THAT THEY ARE  
RELATED ONLY TO SY/T EQUIPMENT WHICH CONSISTS OF SIX CCTV'S (FOUR  
PAN/TILT) AND SEVERAL ALARM SYSTEMS. ALLOWING FOR FUTURE MODEST  
INCREASES OR CHANGES IN EQUIPMENT, AND ADDING A TWENTY PERCENT  
SAFETY MARGIN, IT IS JUDGED THAT A 2.5 KVA TRANSFORMER WILL SUFFICE.  
THIS IS BASES ON ASSUMPTION THAT IR LIGHTS WILL NOT BE CONNECTED TO  
TRANSFORMER.

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4. FOR SY/T, REFTEL (B) PARA 1 AND TELECON (C): HACKL ADVISES THAT

AMPROBE RECORDER CONNECTED TO LINES IN CONTROL CENTER FOR OVER 24 HOURS. HE FURTHER ADVISES THAT OTHER CHANCERY AREAS (EXCLUDING COMCENTER) ALSO AFFECTED BY FLUCTUATING AND LOW VOLTAGES. IT IS OIC'S UNDERSTANDING THAT EMBASSY HAS PARTIALLY COMPLETED INSTALLATION OF SOME NEW FEEDER LINES AND SEVERAL DELTA-TYPE TRANSFORMERS, BUT IS STILL HAVING LOW AND FLUCTUATION VOLTAGE PROBLEMS. FYI: IT HAS BEEN OIC'S EXPERIENCE FROM PREVIOUS MANILA TOUR THAT UNDER ORDINARY CONDITIONS VOLTAGES WERE INVARIABLY CAUSED BY UNBALANCED LOADS ON DELTA CONNECTED SECONDARY OF TRANSFORMER OR IN-HOUSE LINES IMPROPERLY SECURED TO CIRCUIT BREAKERS. A COMBINATION OF BOTH CONDITIONS LED TO COSTLY REPAIRS OF AIR CONDITIONING EQUIPMENT AND BREAKER PANEL AT FORMER RTC LAB TAND TO SOME OTHER ELECTRICAL EQUIPMENT IN SEA FRONT COMPOUND. PROBLEM WAS SATISFACTORILY RESOLVED WHEN MANILA POWER CO. REPLACED TRANSFORMERS AND BALANCED LOADS.

5. FOR SY/T, REFTEL (B) PARA 2, TELECON (C): VOA FACILITY WILL PROBABLY BE ABLE TO REPAIR D/N CAMERA. VOA TECHNICIAN REPORTS FAILURE CAUSED BY FAULTY CHOKE AND CAPACITOR IN POWER SUPPLY.

6. FOR SY/T, REFTEL (B) PARA 3, TELECON (C): TSO ADVISED NOT TO CHANGE EQUIPMENT FROM 115 TO 220 VAC. IT IS JUDGED THAT VOLTAGE PROBLEMS AROUND 220 ARE PROBABLY AS BAD AS AT 115, EVEN WITH LESS CURRENT DRAIN. IT IS ALSO NOT KNOWN IF DIRECT REPLACEMENT 220 VOLT IR BULBS ARE AVAILABLE (RTC WOULD APPRECIATE INFO ON THIS).

7. FOR SY/T AND MANILA, REFTEL (B) PARA 4: OIC HAS NO OBJECTION IF SY/T WISHES TO FURNISH CONSTANT VOLTAGE TRANSFORMER WHICH IS JUDGED TO BE EXPENSIVE, BUT IT SHOULD BE 90-130 VAC PRIMARY WITH 115 VAC AT 2.5 KVA STABILIZED SECONDARY. TSO INDICATED THAT EMBASSY IS MAKING CONCERTED EFFORT TO CORRECT VOLTAGE PROBLEMS IN ENTIRE CHANCERY BUT IS CURRENTLY EXPERIENCING FINANCIAL PROBLEMS (I.E., POST PROPOSES TO REWIRE CHANCERY AND POSSIBLY INTEGRATE WYE TRANSFORMERS IN EFFORT TO CURE PROBLEMS). IN THIS REGARD, OIC STRESSES THAT RTC WILL WORK WITH POST AND RSO IN EVERY WAY POSSIBLE TO SUPPORT COUNTER-TERRORISM PROJECT, BUT BELIEVES THE FOLLOWING ALTERNATIVES SHOULD FIRST BE CONSIDERED IN VIEW OF POST EFFORTS TO IMPROVE PROBLEM:

A. (ACTION BY POST) WITHIN REASON, IT IS SUGGESTED THAT POST RE-EXAMINE DELTA SECONDARY AND DETERMINE IF LOADS CAN BE REAS-LIMITED OFFICIAL USE

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ONABLY BALANCED TO ALLEViate CONTROL ROOM VOLTAGE PROBLEMS.  
B. IN CONCERT WITH ADMIN COUNSELOR, TSO SHOULD CONSULT WITH CHIEF, COMCENTER, AND DETERMINE IF THEY CAN FURNISH ON A SHORT-TERM BASIS MAXIMUM 2 KVA, 115 VAC LINE TO CONTROL ROOM. RUNNING CABLE SHOULD NOT POSE PORBLEM AND WOULD INVOLVE ONLY MINIMUM EXPENSE TO EMBASSY.

C. CONSULT WITH CHIEF, ATO, CLARK AFB AND WITH PROPERTY CONTROL AND MANAGEMENT OFFICER, SUBIC BAY, TO ASCERTAIN IF THEY

CAN PROVIDE ON SHORT-TERM LOAN BASIS CONSTANT VOLTAGE TRANSFORMER.

8. ONLY IN A CASE OF DIRE EMERGENCY SHOULD A 220 VOLT LINE IN  
CONTROL ROOM BE CONNECTED TO VARIAC TO OBTAIN 115 VAC. IT IS  
CONSIDERED TO BE NOT ONLY POTENTIALLY DANGEROUS WHEN OPERATED BY  
INEXPERIENCED PERSONNEL BUT ALSO NOT A PROFESSIONAL APPROACH TO  
SOLVING THE PROBLEM.

9. TSO REQUESTED TO KEEP RTC AND SY/T INFORMED ON STATUS OF PRO-  
JECT. IN THIS REGARD, IT IS SUGGESTED THAT SY/T FURNISH TRANS-  
FORMER PROCUREMENT INFO TO POST IN EVENT THAT PROBLEM CANNOT  
BE SOLVED LOCALLY.

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## Message Attributes

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